

124 GEOGRAPHY

Part-I Physical Geography

1. Introduction to Physical Geography

- 1.1 Definitions of Physical Geography
- 1.2 Nature and scope of Physical Geography
- 1.3 Branches of Physical Geography
- 1.4 Introduction about the Earth system
(Lithosphere, Atmosphere, Hydrosphere and Biosphere)

2. Lithosphere

- 2.1 Interior of the earth
- 2.2 Wegner's Continental Drift Theory
- 2.3 Davis Concept of Cycle of erosion

3. Atmosphere

- 3.1 Structure of the atmosphere
- 3.2 Heat Balance
- 3.3 Pressure belts and wind system
- 3.4 Forms and types of Precipitation

4. Hydrosphere

- 4.1 Hydrological cycle
- 4.2 General structure of ocean floor
- 4.3 Waves and Tides

5. Field Visit (Not more than one day) for observations geographical places and landforms

Part-II Human Geography

6. Introduction to Human Geography

- 6.1 Definitions of Human Geography
- 6.2 Nature and scope of Human Geography
- 6.3 Branches and importance of Human Geography

7. Population

- 7.1 Factors affecting on distribution of population
- 7.2 Theory of demographic transition
- 7.3 Composition of Indian population (Gender and literacy)

8. Settlements

- 8.1 Types and pattern of rural Settlements
- 8.2 Urbanisation in India
- 8.3 Urbanisation in Maharashtra

9. Agriculture

- 9.1 Types of Agriculture
- 9.2 Factors affecting on Agriculture activity
- 9.3 Problems of Indian agriculture